

Application/Control Number: 10/565,166
Art Unit: 3728
June 16, 2009
Page 2

Claim Amendments:

Rewrite claims 19-34 as follows:

1-18 (canceled)

19. (currently amended) A shoe with foot massaging sole, comprising:

a thread sole having a heel

a tank, which is located within the shoe tread sole, and at said heel of said tread sole,

a pump, which is located above said tank below the a heel of the a user's foot and is for being actuated by said the heel of the user's foot while walking, such that said pump introducing air in said tank, which gradually increases its an internal pressure, of said tank,

an air discharge duct branching out from said tank,

an adjustable valve being interposed along said air discharge duct and adapted for opening when a preset pressure is reached, said valve feeding

at least one elastic chamber fed by said valve, provided in an upper region, i.e., toward the sole of the foot, with

a plurality of studs provided in an upper region of said elastic chamber, which are inserted in corresponding holes provided in

a foot supporting insole having holes in which said studs are arranged, said studs, when the air is discharged, protruding from said holes and acting on the a sole of the user's foot, said outflowing air being conveyed, preferably by means of

at least one discharge tube connected to said at least one elastic chamber, said at least one discharge tube leading into the shoe such that outflowing air discharged from said at least one elastic chamber and thus producing produces an internal ventilation inside the shoe.

20. (currently amended) The shoe of claim 19, wherein said pump is ~~of the a~~ a membrane type, ~~is pump~~ arranged within the heel of the shoe tread sole and is covered by a deformable insole on which the heel of the user's foot acts.

Application/Control Number: 10/565,166
Art Unit: 3728
June 16, 2009
Page 3

21. (currently amended) The shoe of claim 19, wherein said pump is of the a piston type pump.
22. (currently amended) The shoe of claim 19, wherein said valve that controls the output air discharge duct of the tank is adjustable to a chosen pressure within a range between atmospheric pressure and ~~the~~ a safety pressure of the tank.
23. (currently amended) The shoe of claim 19, wherein said valve has a single output ~~if~~ and the sole has a single elastic chamber.
24. (currently amended) The shoe of claim 19, comprising a plurality of elastic chambers and wherein said valve has a plurality of outputs, ~~i.e., one for each one of the elastic chambers, when more than one elastic chamber is provided for said plurality of~~ said elastic chambers.
25. (currently amended) The shoe of claim 24, wherein ~~in the case of a plurality of elastic chambers with said valve a single elastic chamber is selectable into which the air is discharged or a plurality of elastic chambers are selectable into which the air is discharged simultaneously~~ for selectively discharging air into said elastic chambers.
26. (currently amended) The shoe of claim 24, wherein said valve ~~discharges the~~ is adapted to discharge air sequentially into the elastic chambers.
27. (currently amended) The shoe of claim 19, wherein said valve is of the type ~~with discharge performed~~ adapted to discharge air by a plurality of consecutive pulses.
28. (currently amended) The shoe of claim ~~19~~ 27, wherein said elastic chamber is constituted by a bag made of elastic material, said bag having, ~~on its an~~ an upper wall directed toward the sole of the user's foot, a said plurality of studs, which are being arranged on said upper wall of said bag and being inserted in corresponding said holes provided in a said foot supporting insole interposed between said elastic chamber and the sole of the user's foot.
29. (currently amended) The shoe of claim ~~27~~ 28, wherein in the ~~an~~ an inactive condition said studs do not protrude from said foot supporting insole, while when the air pressure pulse occurs said studs protrude from said holes.

Application/Control Number: 10/565,166
Art Unit: 3728
June 16, 2009
Page 4

30. (currently amended) The shoe of claim 19 ~~29~~, wherein said holes provided in the foot supporting insole have a ~~frustum-like~~ frustrum shape, with an upper end whose diameter is substantially equal to the diameter of the stud and a lower end that is ~~much~~ wider in order to allow the an elastic deformation, under pressure, of the upper wall of the elastic chamber, with simultaneous protrusion of the studs from said foot supporting insole.

31. (currently amended) The shoe of claim 19, ~~wherein in a point affected by the passage of the air during discharge,~~ further comprising a refillable tank is provided that is arranged in a path of air discharge and that contains fragrancng and/or sanitizing products, ~~which are for being~~ conveyed by the air discharge into the shoe at each discharge.

32. (currently amended) The shoe of claim 19, wherein said pump ~~draws~~ is adapted to draw air from the outside of the shoe.

33. (currently amended) The shoe of claim 19, wherein said pump ~~draws~~ is adapted to draw air from the inside of the shoe.

34. (currently amended) The shoe of claim 19, wherein ~~the air that exits from the at least one elastic chamber or chambers is discharged~~ is adapted to discharge air outside the shoe.

35. (previously presented) The shoe of claim 19, wherein said pump is composed of multiple pump, each of the individual pumps feeding a single tank, each one of said tanks being provided with an adjustable valve, each one of said valves supplying at least one elastic chamber.

36. (previously presented) The shoe of claim 19, wherein said elastic chamber is an elastic tube with a preset path under the foot supporting insole.